

IT IS CLAIMED:

1. A system for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising:
  - one or more first instructions for generating a protection component to overlay at least a portion of content of the web page;
  - one or more second instructions for receiving data indicative of an attempt at user interaction with an element from a web page;
  - wherein the overlaid portion covers the element from the web page;
  - wherein the generated protection component is used in preventing user interaction with the element from the web page.
2. The system of claim 1, wherein the protection component shields the web page from interaction with an interface pointing device;
  - wherein instructions are used to prevent keyboard interaction with the web page.
3. The system of claim 1, wherein the protection component acts as a shield in preventing user interaction with a plurality of elements displayed on the web page.
4. The system of claim 1, wherein the element is a hyperlink
5. The system of claim 1, wherein the element is a user manipulable control.

6. The system of claim 1, wherein the element is a web page form control element.
7. The system of claim 6, wherein the web page form control element is a combo box with which the web page by itself allows a user to interact with the web page form control element in order to select data provided by the combo box; wherein the protection component renders the web page combo box inoperable to the user.
8. The system of claim 1 further comprising:
  - one or more third instructions for loading the web page content as a child, embedded page inside a wrapper page;
  - wherein the third instructions place in front of the web page content the protection component on a computing device's display unit.
9. The system of claim 1, wherein the third instructions place the protection component as a transparent element directly in front of the web page content on a computing device's display unit.
10. The system of claim 9, wherein size of the transparent element is at least substantially matched to the embedded web page content.

11. The system of claim 1, wherein the protection component is configured to cover on a computing device's display the displayed web page content such that the user can access a navigation region associated with the web page content.
12. The system of claim 11, wherein the navigation region includes a scroll-up and scroll-down navigation section of the displayed web page content.
13. The system of claim 1, wherein when interaction with the web page content is attempted by the user, the overlaid protection component presents a message to the user that notifies the user that interface access is being prevented.
14. The system of claim 1, wherein when interaction with the web page content is attempted by the user, a visibility characteristic of the overlaid protection component is changed.
15. The system of claim 1, wherein the visibility characteristic changes such that the overlaid protection component become more opaque.
16. The system of claim 1, wherein the web page content is to be displayed through use of a web browser operating on a computing device.
17. The system of claim 1, wherein the web page content is for display upon a computing device that is capable of displaying web page content to a user.

18. The system of claim 17, wherein the web page content is for display upon a computer to a user.
19. The system of claim 17, wherein the web page content is for display upon a personal digital assistant (PDA) device that is capable of displaying web page content to a user.
20. The system of claim 1, wherein first instructions are based upon instructions selected from the group of Hypertext Markup Language (HTML) instructions, ActiveX instructions, ASP (Active Server Page) instructions, Java instructions, Javascript instructions, PHP (PHP: Hypertext Preprocessor) instructions, and combinations thereof.
21. The system of claim 1, wherein the first instructions comprise machine code instructions.
22. The system of claim 1, wherein the first instructions comprise human-readable instructions.
23. The system of claim 1, wherein the web page content is loaded within a Hypertext Markup Language (HTML) IFRAME element;  
wherein an HTML DIV element is positioned above the IFRAME element and its opacity value is set so as to render the DIV element transparent or at least substantially translucent and capable of preventing user interaction with at least a portion of the web page content.

24. The system of claim 1, wherein the user gains access to the web page content so as to be able to interact with the element from the web page based upon password information being provided;

wherein access for the user to the web site containing the web page content is barred if the user attempts to access the web page content more than a predetermined number of times.

25. The system of claim 1, wherein the web page content and the first and second instructions are provided to a computing device over a network.

26. The system of claim 25, wherein the network is an internet network.

27. The system of claim 25, wherein the network is a wide area network or a local area network.

28. The system of claim 25, wherein a network address is associated with the web page content, wherein an obfuscated version of the address is displayed to the user.

29. The system of claim 1, wherein web page instructions indicate how the web page content is to be displayed to a user, wherein the web page instructions allow the element to be manipulated while the element is to be displayed to a user;

wherein the preventing of the user interacting with the element by the first instructions does not require modification of the web page instructions in order to prevent the user interaction with the element.

30. The system of claim 1, wherein web page Hypertext Markup Language (HTML) instructions indicate how the web page content is to be displayed to a user, wherein the web page HTML instructions allow the element to be manipulated while the element is to be displayed to a user;

wherein the preventing of user interaction with the element by the first instructions does not require modification of the web page HTML source code in order to prevent the user interaction with the element.

31. The system of claim 1, wherein a storage device, which is remotely located from the computing device and accessible by the computing device over a network, stores the first instructions.

32. The system of claim 1, wherein a storage device of the computing device stores the first instructions for use by the computing device.

33. A method for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising the steps of:

generating a protection component to overlay at least a portion of the web page content;

receiving data indicative of an attempt at user interaction with an element from the web page;

wherein the overlaid portion covers the element from the web page;

wherein the generated protection component is used in preventing user interaction with the element from the web page.

34. A system for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive element for display to a user, comprising:

means for generating a protection component to overlay at least a portion of the web page content;

means for receiving data indicative of an attempt at user interaction with an element from a web page;

wherein the overlaid portion covers the element from the web page;

means for loading the web page content as a child, embedded page inside a wrapper page, and for placing the protection component in front of the web page content;

wherein the generated protection component is used in preventing user interaction with the element from the web page.

35. A method for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising:

    providing one or more first instructions for generating a protection component to overlay at least a portion of the web page content;

    providing one or more second instructions for handling data indicative of an attempt at user interaction with an element from a web page;

    wherein the overlaid portion covers the element from the web page;

    wherein the generated protection component is used in preventing user interaction with the element from the web page.

36. A system for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising:

    means for providing one or more first instructions for generating a protection component to overlay at least a portion of the web page content;

    means for providing one or more second instructions for handling data indicative of an attempt at user interaction with an element from a web page;

    wherein the overlaid portion covers the element from the web page;

    means for providing one or more third instructions for loading web page content as a child embedded page inside a wrapper page, and for placing the protection component in front of the web page content;

wherein the generated protection component is used in preventing user interaction with the element from the web page.

37. Computer software stored on a computer readable media, the computer software comprising program code for carrying out a method for displaying content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising the steps of:

generating a protection component to overlay at least a portion of the web page content;

receiving data indicative of an attempt at user interaction with an element from a web page;

wherein the overlaid portion covers the element from the web page;

wherein the generated protection component is used in preventing user interaction with the element from the web page.

38. A computer data signal transmitted over a network, wherein the data signal includes first and second instructions for use in handling content of a web page to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user;

wherein the first instructions are for generating a protection component to overlay at least a portion of the web page content;

wherein the second instructions are for receiving data indicative of an attempt at user interaction with an element from a web page;

wherein the overlaid portion covers the element from the web page;

wherein the generated protection component is used in preventing user interaction with the element from the web page.

39. A system for displaying content of a form to a user on a computing device, wherein the computing device includes a processor to execute instructions, wherein the content includes an interactive interface element for display to a user, comprising:

one or more first instructions for generating a protection component to overlay at least a portion of content of the form;

one or more second instructions for receiving data indicative of an attempt at user interaction with an interface element from the form;

wherein the overlaid portion covers the interface element from the form;

wherein the generated protection component is used in preventing user interaction with the element from the form.

40. The system of claim 39, wherein the form is generated from a database product.

41. The system of claim 39, wherein the form is a web-based form.

42. The system of claim 39, wherein the form is generated in order to interact with a data mining application.